

(54) CODING MEANS FOR GARMENT HANGERS  
(71) RAINSFORDS PTY. LIMITED  
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AU-42320/78 509043 G09F 7/18, 23/00, A47S 51/08-IC<sup>2</sup>  
(57) Claim

1. A clothing hanger including a hook having a front portion and a back portion and being adapted to engage a supporting member, the hook being provided with a coding support member extending from the back of the hook and located at a position which is below the supporting member and a garment coding means comprising two complementary shaped discs provided with the garment coding means engaging the support member to releasably retain the discs on said member.

5. A clothing hanger including a hook having a front portion and a back portion and being adapted to engage a supporting member, the hook being provided with a coding support member extending from the back of the hook and located at a position which is below the supporting member and garment coding means

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releasably engaging the coding support member, said garment coding means comprises two complementary discs, each disc having a pin projecting therefrom which in the assembled condition of the coding means passes through a corresponding hole in the coding support member and a corresponding hole in the other disc with catch means of each pin to retain coding means on the coding support member of the hanger.

PATENT APPLICATION FORM (CONVENTION AND NON-CONVENTION)

26077/84

COMMONWEALTH OF AUSTRALIA

Regulation 9

Patents Act 1952

APPLICATION FOR A STANDARD PATENT OR  
A STANDARD PATENT OF ADDITION

COMPLETE AFTER PROVISIONAL SPECIFICATION No. 26077/84

APR 1983

PATENT OFFICE

(a) Name of applicant

RAINFORDS PTY. LIMITED

(b) Address of applicant

200 Kingsgrove Road, Kingsgrove, New South Wales, Australia, 2208

(c) Nature of invention

Standard Patent for an invention entitled CODING MEANS

(d) Nature of invention

FOR GARMENT HANGERS

556252

which is described in the accompanying (i) provisional specification

(ii) For a Convention application - details of basic application(s) -

(iii) For Convention applications only

NUMBER	COUNTRY	DATE OF APPLICATION
APPLICATION ACCEPTED AND AMENDMENTS		
ALLOWED 11.9.86		

(iv) For Patents of Addition only

(v) For Patents of Addition (Section 72)

(vi) We request that the Patent may be granted as a Patent of Addition

the Patent applied for in Application

to Patent No. 13

in the name of

We request that the term of the Patent of Addition be the same as that of the main invention, or as much of the term of the main invention as the term of the Patent of Addition allows.

My/Our address for service is ARTHUR S. CAVE & CO., Patent and Trade Mark Attorneys, 1 Alfred Street, Sydney, New South Wales, Australia 2000.

Dated this Twenty-second

day of March 1983

RAINFORDS PTY. LIMITED.

By:

ALRIAN M. MONTAGUE MARKS

(vii) Signature of applicant

(viii) Signature of agent

(ix) Signature of agent

To

Commissioner of Patents

ARTHUR S. CAVE & CO.  
PATENT AND TRADE MARK ATTORNEYS  
SYDNEY

## COMMONWEALTH OF AUSTRALIA

Patents Act 1952

## DECLARATION IN SUPPORT OF AN APPLICATION FOR A PATENT

(a) In support of the Application made by (a) **RAINSFORDS PTY. LIMITED**(b) for a patent for an invention entitled: (b) **CODING MEANS FOR GARMENT HANGERS**(c) I/We (c) **ALRIAN MONTAGUE MARKS**(d) of (d) **15 YARRAWONGA CLOSE, PYMBLE, N.S.W.**

do solemnly and sincerely declare as follows

1. I am/We are the applicant(s) for the patent.

(Or, in the case of an application by a body corporate.)

(e) I am/We are authorized by (e) **RAINSFORDS PTY. LIMITED**

the applicant for the patent to make this declaration on its behalf.

2. I am/We are the actual inventor(s) of the invention.

(Or, where a person other than the inventor is the applicant.)

(f) (f) **DONALD JACK HOGARTH**(g) of (g) **200 Kingsgrove Road, Kingsgrove, New South Wales,  
2208, Australia**

I/We are the actual inventor(s) of the invention and the facts upon which the applicant(s) is/are entitled to make the application are as follows: (h)

(i) **RAINSFORDS PTY. LIMITED is the Assignee of the said invention from the said inventor.**

Declared at Kingsgrove this Twenty-second day of March 1984

To  
The Commissioner of Patents

Signature of Declarant(s)

ARTHUR S. CAVE & CO  
PATENT AND TRADE MARK ATTORNEYS  
SYDNEY

556252

COMMONWEALTH OF AUSTRALIA

Form 10

PATENTS ACT, 1952

Regulation  
13(2)

COMPLETE SPECIFICATION

(ORIGINAL)

FOR OFFICE USE

Short Title:

Int. Cl.:

Application Number:  
Lodged:

26077/84.

Complete Specification - Lodged:  
Accepted:  
Lapsed:  
Published:

Priority:

Related Art:

TO BE COMPLETED BY APPLICANT

Name of Applicant: RAINSFORDS PTY. LIMITED

Address of Applicant: 200 Kingsgrove Road, Kingsgrove,  
New South Wales, Australia, 2208

Actual Inventor: DONALD JACK HOGARTH

Address for Service: ARTHUR S. CAVE & CO., Patent and Trade Mark  
Attorneys, 1 Alfred Street, Sydney, New  
South Wales, Australia, 2000.

Complete Specification for the invention entitled:

CODING MEANS FOR GARMENT HANGERS

The following statement is a full description of this invention,  
including the best method of performing it known to me:-

ASC 48 & 49

-1-

This invention relates to coding means for garment hangers.

The manufacturers of garments always include on the garments labels or tags which indicate the size of the garment, the garments are then draped on a garment hanger which is then supported on a display rack and purchasers then have to go through the display racks and examine the label or tag on the garment to ascertain whether the garment they wish to purchase is a correct size. The mentioned labels or tags are often difficult to locate and sometimes difficult to read. This has lead to a time consuming operation in the selection of a garment of the correct size and as the same garment may be repeatedly handled by different purchasers there is a risk that the garment will become shop soiled and so reduce or lose its marketability.

In order to overcome this problem it has been proposed to include on the garment hanger at a readily visible location, a coding tag which prominently indicates the size of the garment. The tag may be of a particular colour to indicate the size of the garment and will also include readily visible numerals which also indicate the size of the garment. It will be appreciated that other readable information may be included on the coding tag.

Such a method of indicating the size of garments is called colour coding and its use is not only appreciated by members of the public but also by retailers as it reduces the likelihood of shop soiling and at the same time makes stocktaking much easier.

According to one prior colour coding system a colour coding device comprises a hood member having a cavity therein, the hood member has numerals on its opposed faces and is of a colour which contrasts with the colour of the garment hanger.

5 The hood member is adapted to be clamped over protrusion extending upwardly from the hanger hook and so indicates the size of the garment both by reference to colour and by numerals.

It will be appreciated that the colour coding system appearing on the garment hangers has to be frequently changed

10 depending upon stock movements and whilst the colour coding system has proved satisfactory to a certain extent, the means used to lock the hood on the protrusion have been such that it is very difficult to disengage the hood from the protrusion.

It is an object of the present invention to provide a

15 coding means for garment hangers which overcomes the problems associated with the mentioned coding apparatus.

The invention in its broadest form comprises a clothing hanger, including a hook having a front portion and a back portion and being adapted to engage a supporting member, the

20 hook being provided with a coding support member extending from the back of the hook and located at a position which is below its supporting member, and garment coding means comprising two complementary ~~complementary~~ discs provided with garment coding means engaging the coding support member.

25 Preferably the discs are provided with a pin or pins which pass through a hole or holes in the coding support member to releasably retain the discs on said member. Preferably the discs are connected by a hinge member extending from the

periphery of each disc one of said discs having a pin projecting therefrom which in the assembled condition of the coding means passes through a hole in the coding support member and a corresponding hole in the other disc with catch means on said pin to retain the coding means on the hanger.

The invention will now be described with reference to the preferred embodiment thereof in which:

Figure 1 is a side view illustrating the hook of a garment hanger with the coding means affixed thereto;

Figure 2 is a part side view illustrating the hook illustrated in Figure 1 with the coding means detached therefrom;

Figure 3 is a section <sup>on</sup> ~~one~~ line III - III of Figure 2;

Figure 4 is a plan view of the coding means illustrated in Figure 1;

Figure 5 is an end view of the coding means illustrated in Figure 4;

Figure 6 is a view similar to Figure 5 showing the coding means in the folded or engaged condition and,



Figure 7 is a sectional view illustrating a modified coding means.

Referring now to the accompanying drawings the hook has a front portion A and a back portion B and is formed with a transverse flange 2 extending from both sides thereof and a coding means support member 3 extends from the back of the hook below the level of the supporting means (not shown) for the hook. The hook and its parts are conveniently formed in one piece along with the remaining parts of the hanger from plastics material in a moulding operation.

The support member is provided with a flange 4 which extends part way around the periphery of the support member as illustrated in Figures 1 and 2 and a hole 5 extends through the support member.

According to one embodiment the coding means comprises a hinge member designated generally by the reference 6 (Figure 4) and is of a colour which contrasts with that of the hook. The member 6 is formed of two discs 7 and 8 which have numerals 9 cut therein to indicate the size of the garment. The discs are joined by a hinge piece 10 and the disc 8 is provided with a pin 11 which in the folded condition of the coding means registers with and passes through a hole 12 in the disc 7. The pin 11 is provided with a catch member 13 of such dimensions that in the folded condition of the coding means the catch passes through the hole 12 and the hole 5 and automatically retains the coding means in the folded condition as illustrated in Figures 1 and 6. To release the catch the projecting end of the pin is simply moved

downwardly with reference to Figure 1. This permits the catch to automatically release its engagement and so the coding means may be simply removed from the hanger and replaced by another as circumstances dictate.

- 5           In the case of the coding means illustrated in Figure 7 the hinge piece 10 is omitted and each disc 7 and 8 is provided with a pin 11 which in the assembled condition of the coding means projects through openings 14 and 15 in the support member and through corresponding openings in each
- 10          disc. The pins are retained in an engaged condition by catches 13 as previously described.

The claims defining the invention are as follows:

1. A clothing hanger including a hook having a front portion and a back portion and being adapted to engage a supporting member, the hook being provided with a coding support member extending from the back of the hook and located at a position which is below the supporting member and a garment coding means comprising two complementary shaped discs provided with the garment coding means engaging the support member to releasably retain the discs on said member.
2. A clothing hanger as claimed in claim 1 wherein said coding means releasably engages the coding supporting member and is of a colour which contrasts with the colour of the hanger.
3. A clothing hanger as claimed in claim 1 or 2 wherein said coding means has coding numerals therein or fixed thereto.
4. A clothing hanger as claimed in any one of claims 1 to 3 wherein said discs are connected together by a hinge member extending from the periphery of each disc, one of said discs having a pin projecting therefrom which in the assembled condition of the coding means passes through a hole in the coding support member and a corresponding hole in the other disc with catch means on said pin to retain the coding means on the coding support member.
5. A clothing hanger including a hook having a front portion and a back portion and being adapted to engage a supporting member, the hook being provided with a coding support member extending from the back of the hook and located at a position which is below the supporting member and garment coding means

releasably engaging the coding support member, said garment coding means comprises two complementary discs, each disc having a pin projecting therefrom which in the assembled condition of the coding means passes through a corresponding hole in the coding support member and a corresponding hole in the other disc with catch means of each pin to retain coding means on the coding support member of the hanger.

6. A clothing hanger as claimed in claim 5 wherein said coding means is of a colour which contrasts with the colour of the hanger.

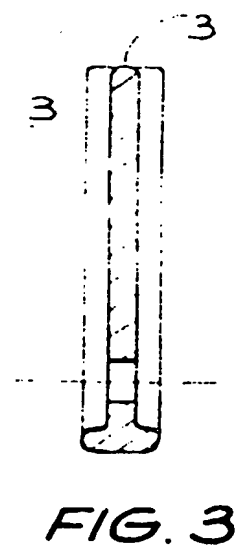
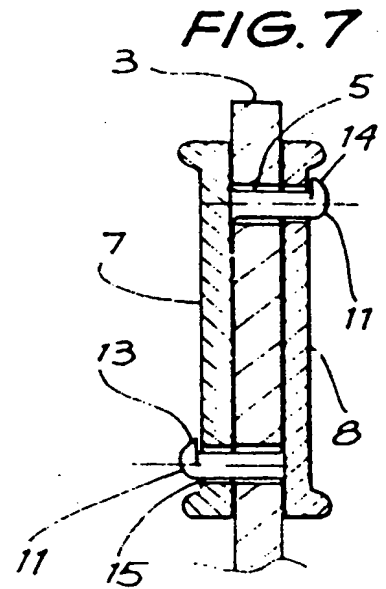
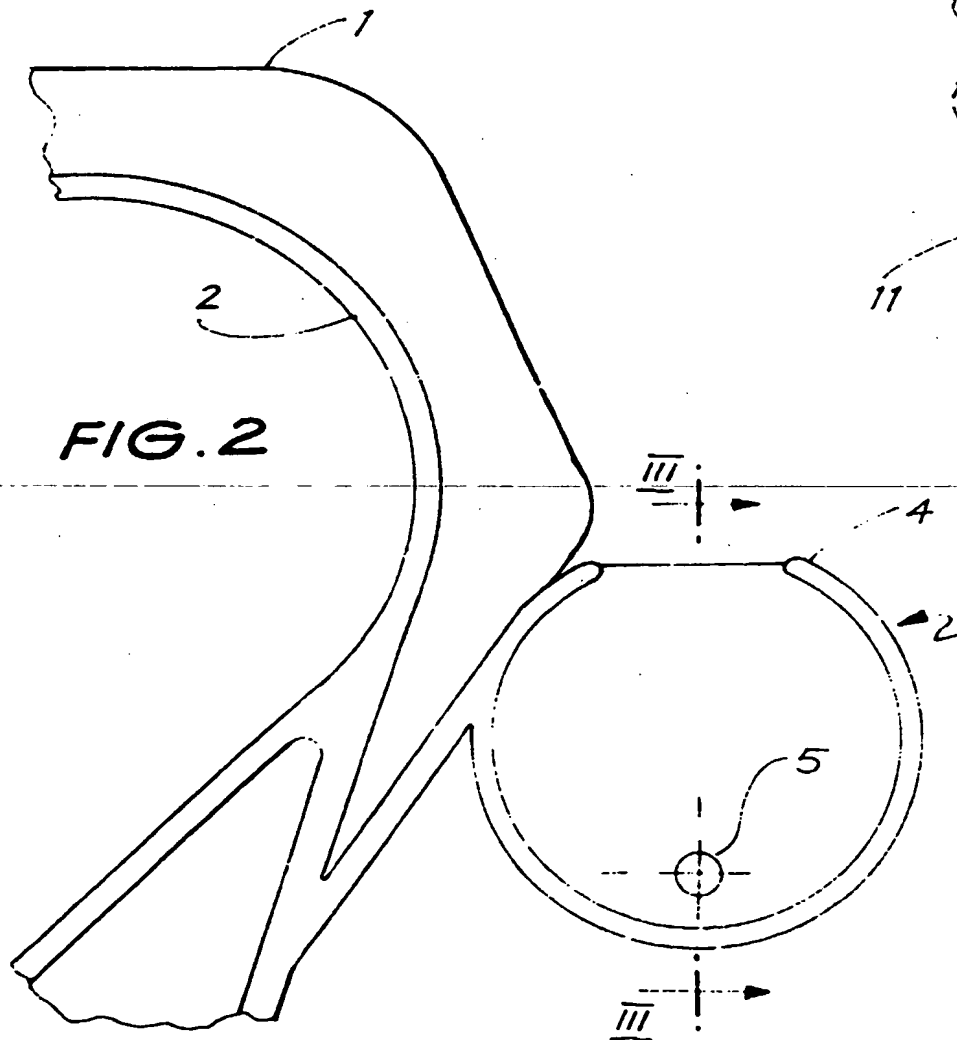
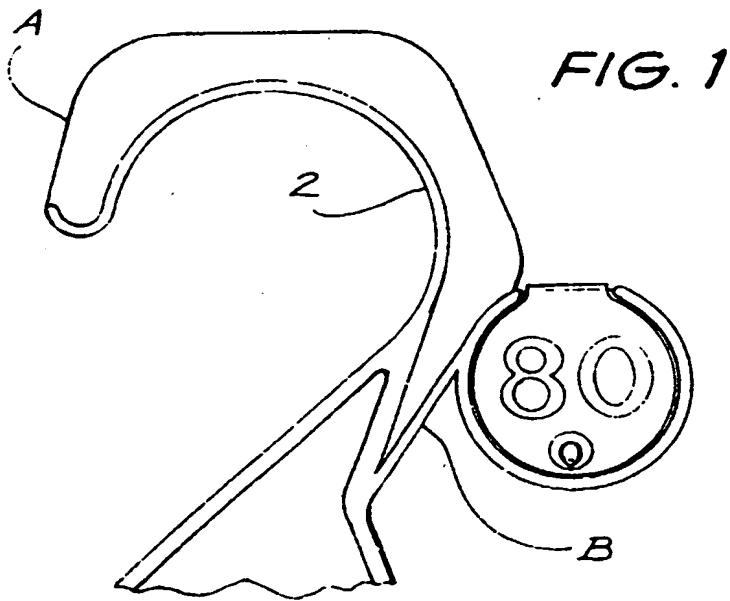
7. A clothing hanger as claimed in claim 5 or 6 wherein said coding means has coding numerals therein or fixed thereto.

8. A clothing hanger substantially as hereinbefore described with reference to Figures 1 to 6 of the accompanying drawings.

9. A clothing hanger substantially as hereinbefore described with reference to the accompanying drawings.

DATED this 28th day of August, 1986.

RAINSFORDS PTY. LIMITED  
By Its Patent Attorneys,  
ARTHUR S. CAVE & CO.



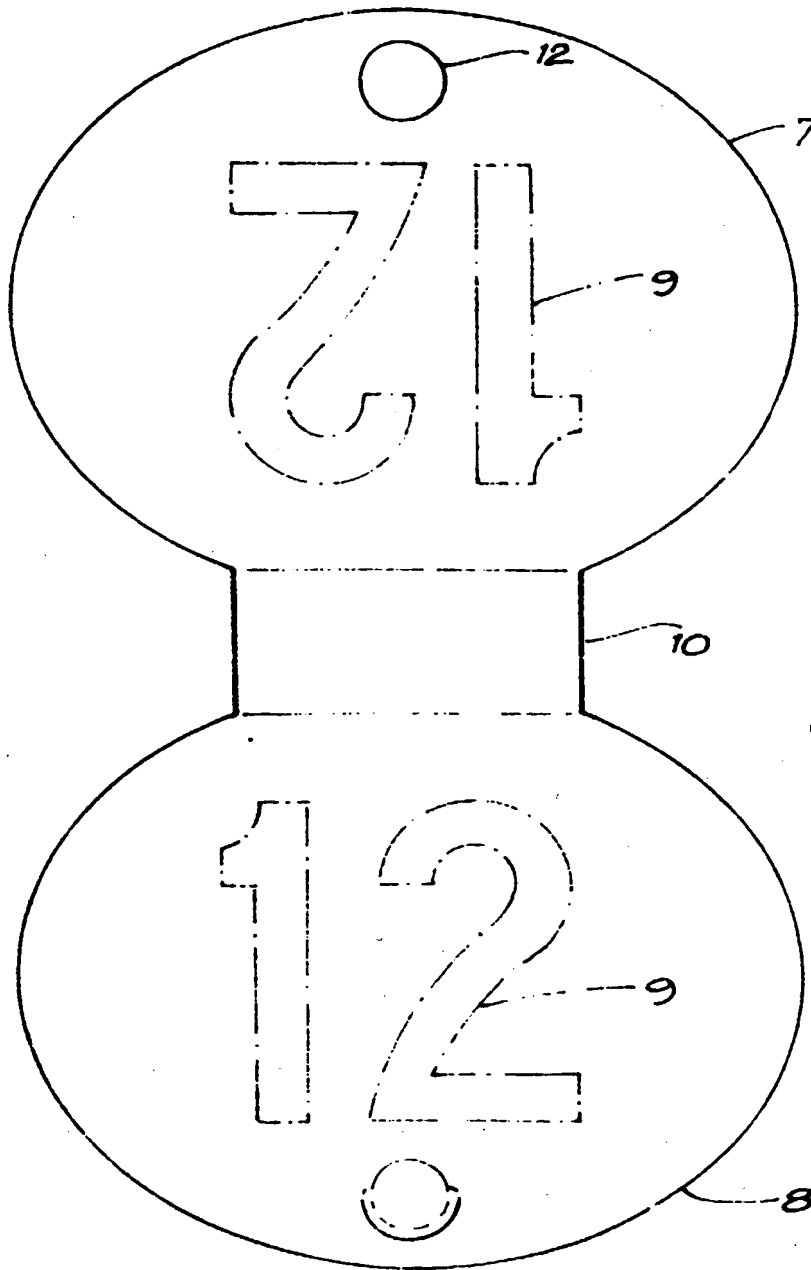


FIG. 4

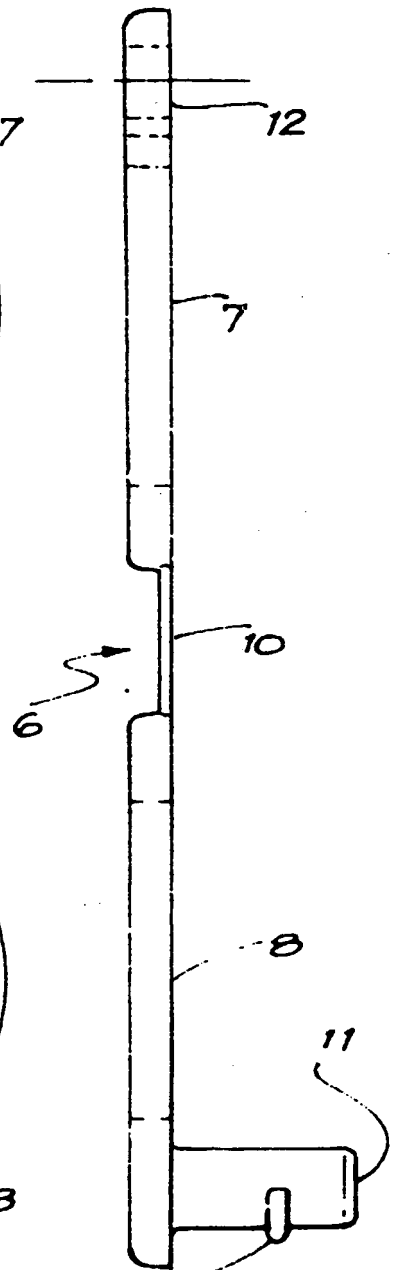


FIG. 5

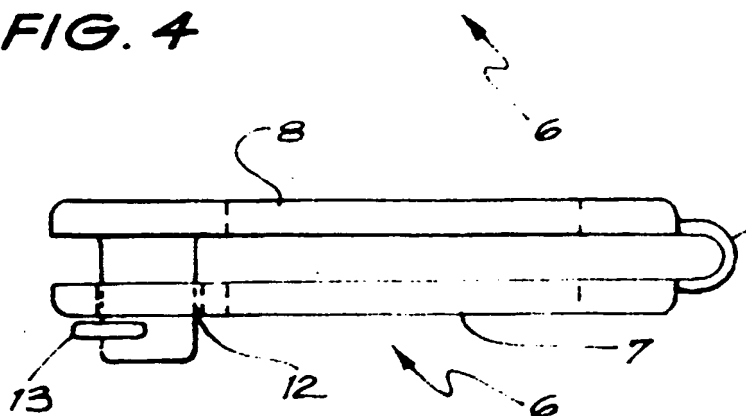


FIG. 6

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